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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Abraha Habtemariam et al.  
Serial No. : 10/554,271  
Filed : October 24, 2005  
Title : RUTHENIUM COMPOUNDS

Art Unit : Unknown  
Examiner : Unknown

**MAIL STOP AMENDMENT**

Commissioner for Patents  
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Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being before the receipt of a first Office Action on the merits.

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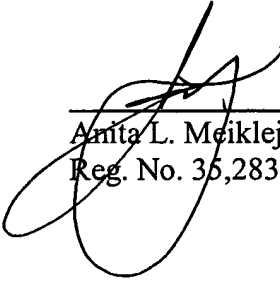
Applicant : Abraha Habtemariam et al.  
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Attorney's Docket No.: 14084-006US1

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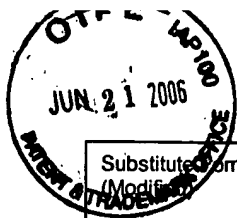
Respectfully submitted,

Date: 19 JUNE 2006

  
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Substituted Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14084-006US1	Application No. 10/554,271
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Abraha Habtemariam et al.	
		Filing Date October 24, 2005	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4.980,473	12/25/1990	Barton	546	10	
	AB	US 2003/0023088	1/30/2003	Morris et al.	546	2	
	AC						
	AD						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AE	WO 01/30790	5/3/2001	WIPO				
	AF	WO 02/02572	1/10/2002	WIPO				
	AG	WO 2004/005304	1/15/2004	WIPO				
	AH	EP 0 916 637	5/19/1999	European Patent Office				
	AI							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AJ	Aird et al., "In vitro and in vivo activity and cross resistance profiles of novel ruthenium (II) ..." Brit. J. of Cancer 86:1652-1657, 2002.
	AK	Allardyce et al., "Ruthenium in medicine: Current clinical uses and future prospects" Platinum Metals Rev. 45(2):62-69, 2001.
	AL	Ammar et al., "Synthesis of bis-oxazoline-ruthenium(II)-arene complexes. Combined catalytic..." J. of Organ. Chem. 662:63-69, 2002.
	AM	Bennet et al., "Mono- and bis-(acetylacetonato) complexes of arene-ruthenium(II) and arene-osmium(II)..." Can. J. Chem. 79:655-669, 2001.
	AN	Carmona et al., "Synthesis, X-ray structure, and nuclear magnetic resonance..." J. Chem. Soc., Dalton Trans. 1463-1476, 1990.
	AO	Carmona et al., "Heterobi- and Heterotetranuclear RuRh and RuIr complexes..." Organometallics 14:2066-2080, 1995.
	AP	Chen et al., "Organometallic ruthenium(II) diamine anticancer complexes..." J. Am. Chem. Soc. 124(12):3064-3082, 2002.
	AQ	Clarke et al., "Non-platinum chemotherapeutic metallopharmaceuticals" Chem. Rev. 99:2511-2533, 1999.
	AR	Dale et al., "Studies on DNA damage and induction of SOS repair by novel multifunctional bio-reducible..." Anti-Cancer Drug Design 7:3-14, 1992.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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(37 CFR §1.98(b))			

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AS	Davies et al., "(Arene)ruthenium complexes with Bis(oxazolines):..." Organometallics 20:3029-3034, 2001.
	AT	Everaere et al., "(β-Amino alcohol)(arene)ruthenium(II)-catalyzed asymmetric transfer hydrogenation..." Eur. J. Org. Chem 275-291, 2001.
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	AV	Garcia et al., "Reactivity of [ $\{\eta^6\text{-arene}\}\text{RuCl}(\mu\text{-Cl})\}$ ] towards some potentially bidentate ligands..." J. of Org. Chem. 467:119-126, 1994.
	AW	Gotze et al., "Separation of aminoacidato ruthenium(II) complexes by ion-pair chromatography" Fresenius J. Anal Chem. 346:634-638, 1993.
	AX	Guo et al., "Chelate ring-opening ruthenium complexes: A-ray crystal structure..." Inorganica Chimica Acta 273:1-7, 1998.
	AY	Habtemariam et al., Poster Presentation "Organometallic ruthenium arene anticancer complexes: structure-activity relationships" EUROBI7, Garmisch, Germany, Aug. 29-Sep. 2, 2004.
	AZ	Habtemariam et al., Poster Presentation "Structure-activity relationships for organometallic ruthenium arene complexes" ISBOMC'02, Paris, July 18-20, 2002.
	AAA	Habtemariam et al., Poster Presentation "Organometallic ruthenium arene complexes: structure-activity relationships" 1 <sup>st</sup> Europ. Conference on Chemistry for Life Sciences, Rimini, Italy October 4-8, 2005.
	ABB	Kramer et al., "Organometallic half-sandwich complexes promote the formation of linear..." Chem. Eur. J. 2(1):1518-1526, 1996.
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	ADD	Miyaki et al. "Synthesis and reaction of ruthenium(II) complexes containing heteroatom donor..." Inorganica Chimica Acta 300-302:369-377, 2000.
	AEE	Morris et al., "Inhibition of cancer cell growth by ruthenium(II) arene complexes" J. Med. Chem. 44:3616-3621, 2001.
	AFF	Ohnishi et al., "Coordination behavior of ruthenium(II) complexes with alcohol ligand..." Chem. Letters 809-810, 1999.
	AGG	Sadler, P.J., "Ruthenium arene anticancer complexes" Second Int'l. Conference on Bioorganometallic Chem, Zurich 14-17 July, abstract p KL-1, 2004.
	AHH	Sava, G., "Ruthenium compounds in cancer therapy" Ed. By Fricker, S.P., Chapman and Hall, London, pgs. 65-91, 1994.
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	ALL	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	